

## MONITORING AND RESEARCH SUBCOMMITTEE GALVESTON BAY COUNCIL

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Meeting Minutes  
Wednesday, June 9, 2021  
9:30AM – 11:30AM

Subcommittee Chair: George Guillen, Environmental Institute of Houston-University of Houston Clear Lake (EIH-UHCL)

Subcommittee Vice Chair: Michael Lee, United States Geological Society (USGS)

GBEP Representative: Kristen McGovern

### Call to Order, Introductions (Via Microsoft Teams)

Attendees: Kimber De Salvo Anderson (TIRN), Ryan Bare (HARC), Alan Brandon (UH), Stacey Carr (TCEQ-SWQM), Cynthia Clevenger (GBEP), LCDR Dimitroff, Jessica Fitzsimmons (TAMU), Wendy Forester (GBEP), Michael Bryan Gahn (TAMUG), Stephanie Glenn (HARC), George Guillen (EIH-UHCL), David Hala (TAMUG), Christine Jensen (TPWD), Scott Jones (GBF), Laura Jurgens (TAMUG), Erin Kinney (HARC), Michael Lee (USGS), Lindsey Lippert (GBEP), Hui Liu (TAMUG), Yina Liu (TAMU), Mandy Mulcan Lopez (UH), Joanna Ma, Webster Mangham (TRA), Christopher Marshall (TAMUG), Lisa Marshall (GBEP), Kristen McGovern (GBEP), Stevie Nash (GBEP), Lisa Rickards (EPA), Hanadi Rifai (UH), Christian Rines (GBEP), Matt Tilimon (USCG), Patricia Thompson (GBEP), and Jean Wright (H-GAC).

**Approval of March 10, 2021 meeting minutes** – approved after the following revision was made to “Announcements/ Path Forward Items”:

- Jean Wright (HGAC) announced that the next [Clean Rivers Program](#) Basin Steering Committee meeting will be held June 2nd at 2:00 pm.

**Presentation:** Biogeochemistry of Heavy Metals in Galveston Bay – Mandy Mulcan Lopez, PhD, Department of Earth and Atmospheric Sciences, University of Houston

### Member Spotlight Short Presentations

- Yina Liu, Assistant Professor of Oceanography and Analytical Chemistry Research and Development Lead of the Geochemical and Environmental Research Group, Texas A&M University

**Information gaps and priorities for FY 23 project development**

Progress made toward implementing actions under the Inform Science-Based Decision Making priority of The Galveston Bay Plan, 2<sup>nd</sup> Edition was reviewed, in addition to information gaps previously identified by the subcommittee. Additional information gaps were added to the existing list. The subcommittee selected three priorities for FY 23 project planning. Two of the priorities are actions from The Galveston Bay Plan, 2<sup>nd</sup> Edition, and encompass more than one information gap.

1. RES-1: Conduct Biological Stressor Monitoring and Research (includes projects addressing species of special concern and projects addressing invasive species monitoring)
2. Estimation of spatial and temporal trends in point source and nonpoint source loading and compliance with effluent standards (falls under RES-2: Conduct Geochemical Stressor Monitoring and Research)
3. RES-3: Conduct Physical Stressor Monitoring and Research (includes impacts of coastal spine structures on species movements, best management practices for oyster cultch plantings and potential impacts, larval transport within the estuary, and waterway trash/marine debris)

### **Procedures and timeline for FY 23 project development**

The application will be similar to previous years. Tentative dates for the FY 23 project development process are:

- June 21 – GBEP will send out solicitation for FY 23 project proposals
- July 21 – FY 23 project proposals due
- Mid-late August – GBEP will distribute all proposals to subcommittee members to review before September meetings
- September 8 – M&R meeting, proposal presentations
- September 14 – proposal rankings due
  - Honor system – vote in best interests of subcommittee
  - Each entity/lab submits one ranking
  - Rankings should only be submitted by entities/labs that have been actively participating in recent meetings of the subcommittee

### **Estuary Resilience Assessment Report update – Houston Advanced Research Center**

Stephanie Glenn provided an overview of the process that went into producing the draft Estuary Resilience Assessment document, as well as an overview of the document itself. The document will be sent out to the subcommittees for review.

### **GBEP, Council, and subcommittee updates:**

- WSQ subcommittee meeting: June 9, 2021 1:30PM – 3:30PM

- PPE subcommittee meeting: June 10, 2021 10:00AM – 12:00PM
- NRU subcommittee meeting: June 11, 2021 9:30AM
- B&P subcommittee meeting: July 7, 2021 9:00AM – 11:00AM
- GBC meeting: July 21, 2021 9:30AM – 12:30PM

**Announcements/Path Forward Items:**

- Next M&R meeting: Wednesday, September 8, 2021, 9:00AM – 12:00PM

**Adjourn**